Course Code: CSA1153

Course Name: Object Oriented Analysis and Design for Quality Assurance

1. Develop a system using UML for Vehicle Registration Number Registering System. The owner should apply with the documents and pay the fee, once the documents had been accepted and the vehicle is verified. Then the document for registration is issued by the system.

Aim, Project Analysis/Plan and Project Description (20)	UML Diagram Sketch (30)	Tool Usage (Argo UML/Umbrello) (25)	Skeleton Code Generation (15)	Git Hub Upload (10)	Total (100)

INTERNAL EXAMINER   EXTERNAL EXAMINER

2. Develop a system using UML for Food Order System. In this system, the customer can place orders and purchase items with the aid of the dealer and central food system. These orders are verified and the items are delivered to the customer.

Aim, Project Analysis/Plan and Project Description (20)	UML Diagram Sketch (30)	Tool Usage (Argo UML/Umbrello) (25)	Skeleton Code Generation (15)	Git Hub Upload (10)	Total (100)

INTERNAL EXAMINER   EXTERNAL EXAMINER

3.   Develop a system using UML for Home Services System. HACS is a system controlled by a remote system such as a mobile phone and coordinates home appliances. The document furnishes the detailed design with all the UML diagrams. It encompasses CRC cards, Use Case Diagrams, Sequence Diagrams, and Class Diagrams for home appliance control systems (HACS).

Aim, Project Analysis/Plan and Project Description (20)	UML Diagram Sketch (30)	Tool Usage (Argo UML/Umbrello) (25)	Skeleton Code Generation (15)	Git Hub Upload (10)	Total (100)

INTERNAL EXAMINER   EXTERNAL EXAMINER

4.   Develop a system using UML for Library Management System. It should verify the details of the reader by the central computer. The details regarding the reader will be provided to the central computer through the administrator in the library and the computer will verify the details of the reader and provide approval to the office. Then the books that are needed by the reader will issue from the library to him.

Aim, Project Analysis/Plan and Project Description (20)	UML Diagram Sketch (30)	Tool Usage (Argo UML/Umbrello) (25)	Skeleton Code Generation (15)	Git Hub Upload (10)	Total (100)

INTERNAL EXAMINER   EXTERNAL EXAMINER